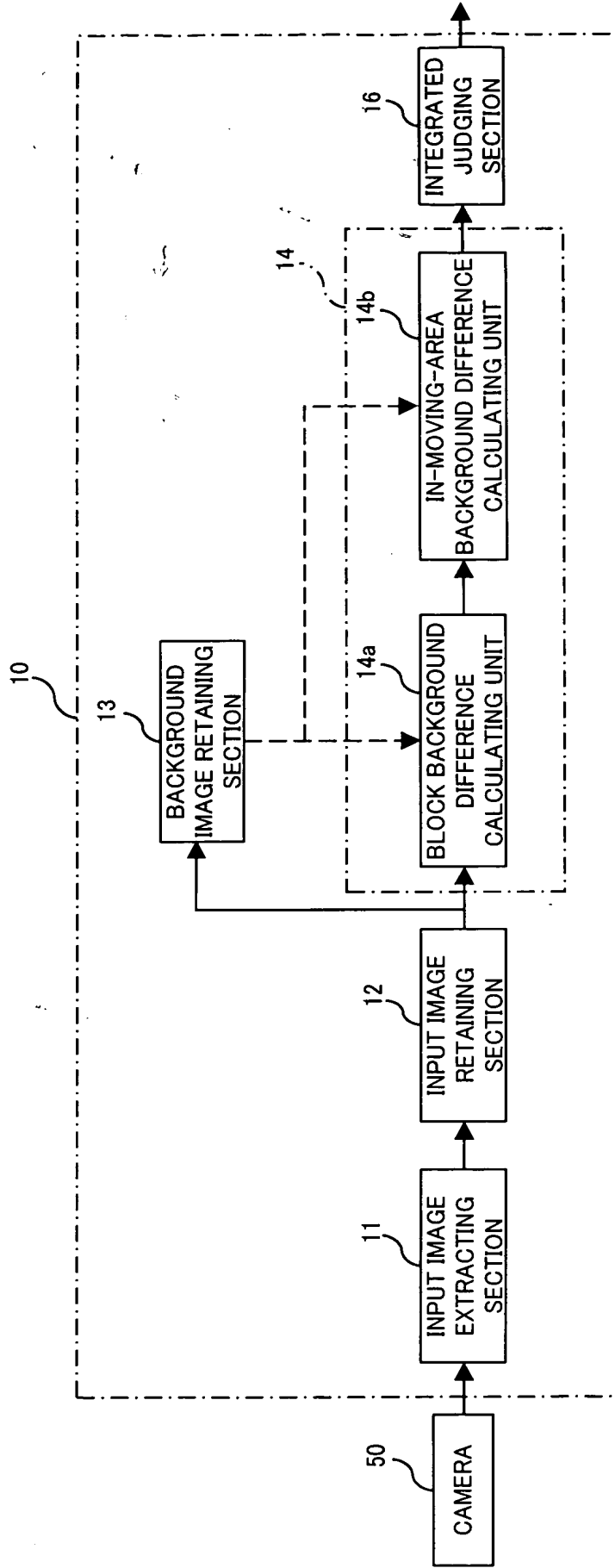


FIG. 1



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FIG. 2

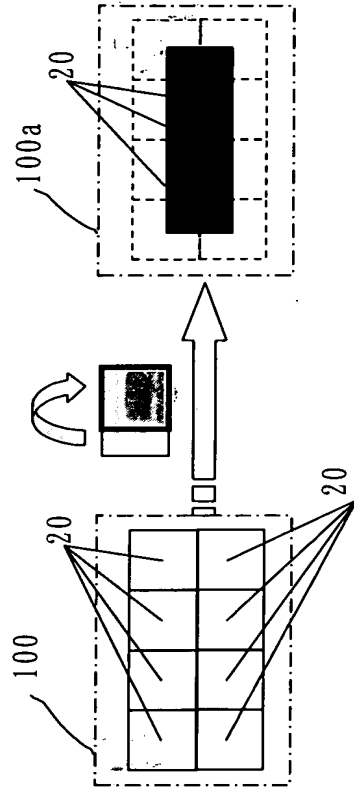


FIG. 3

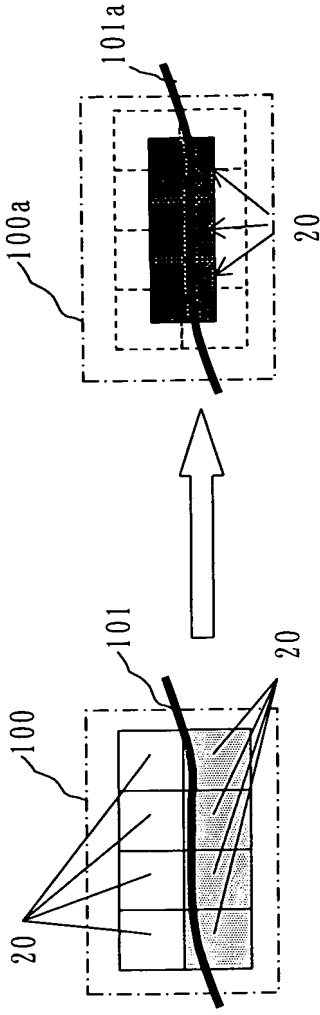


FIG. 5(a)

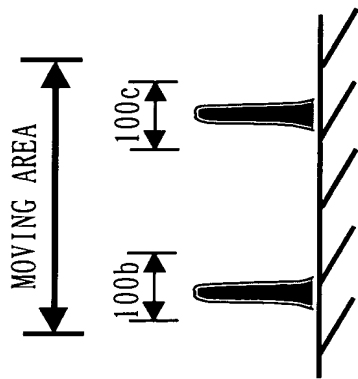


FIG. 5(b)

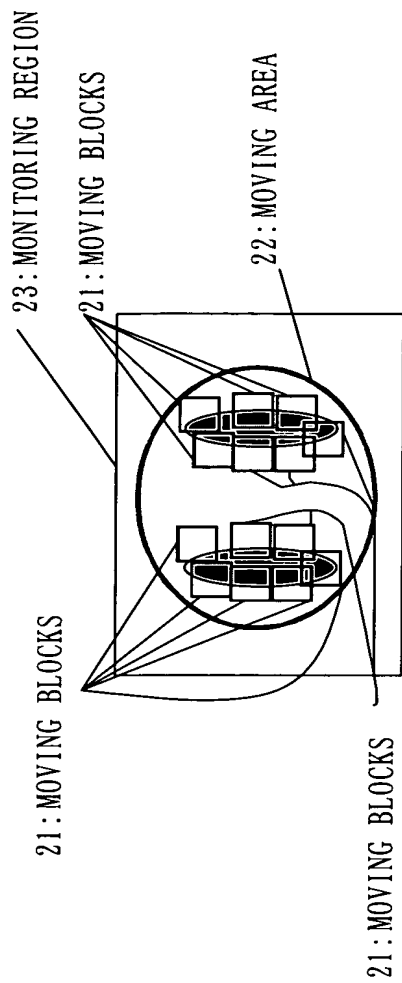


FIG. 6 (a) FIG. 6 (b)

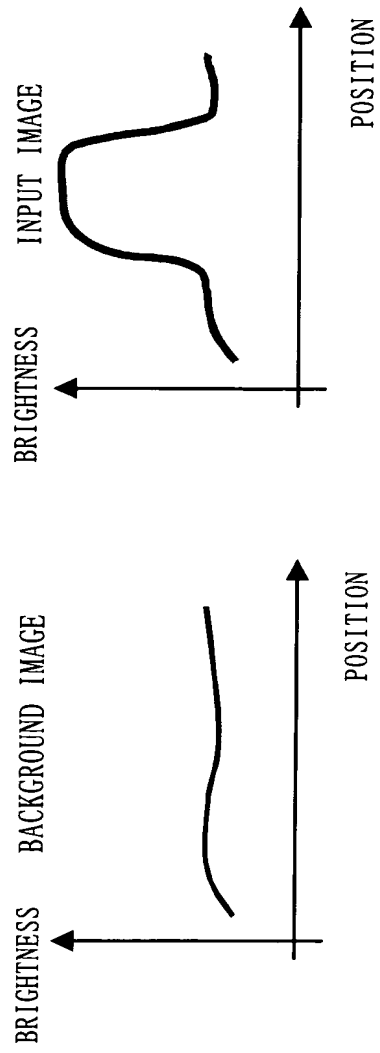


FIG. 7(a)

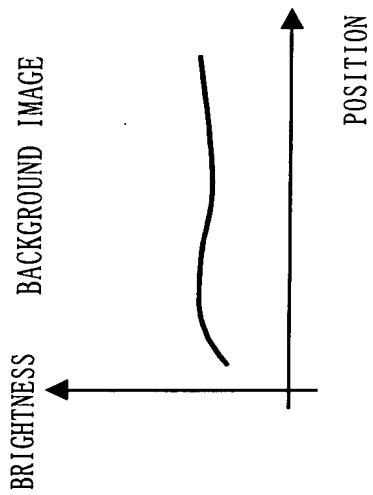


FIG. 7 (b)

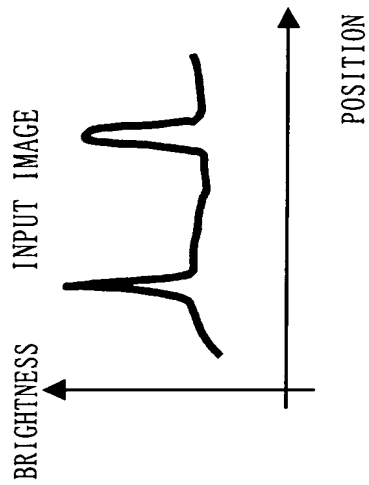


FIG. 8(a) FIG. 8(b)

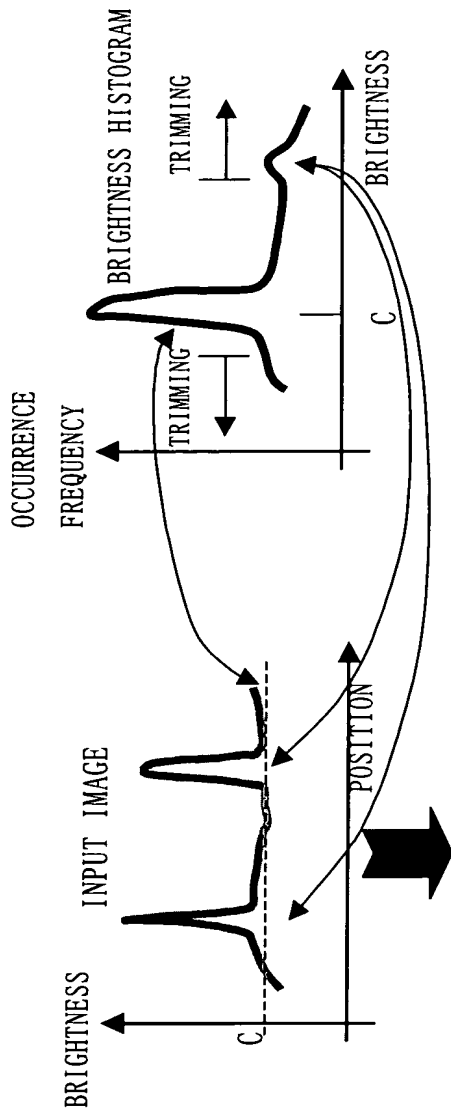


FIG. 8(c)

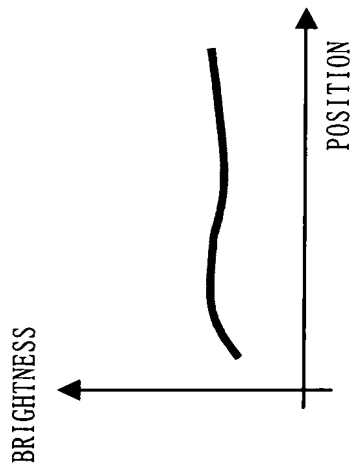


FIG. 9

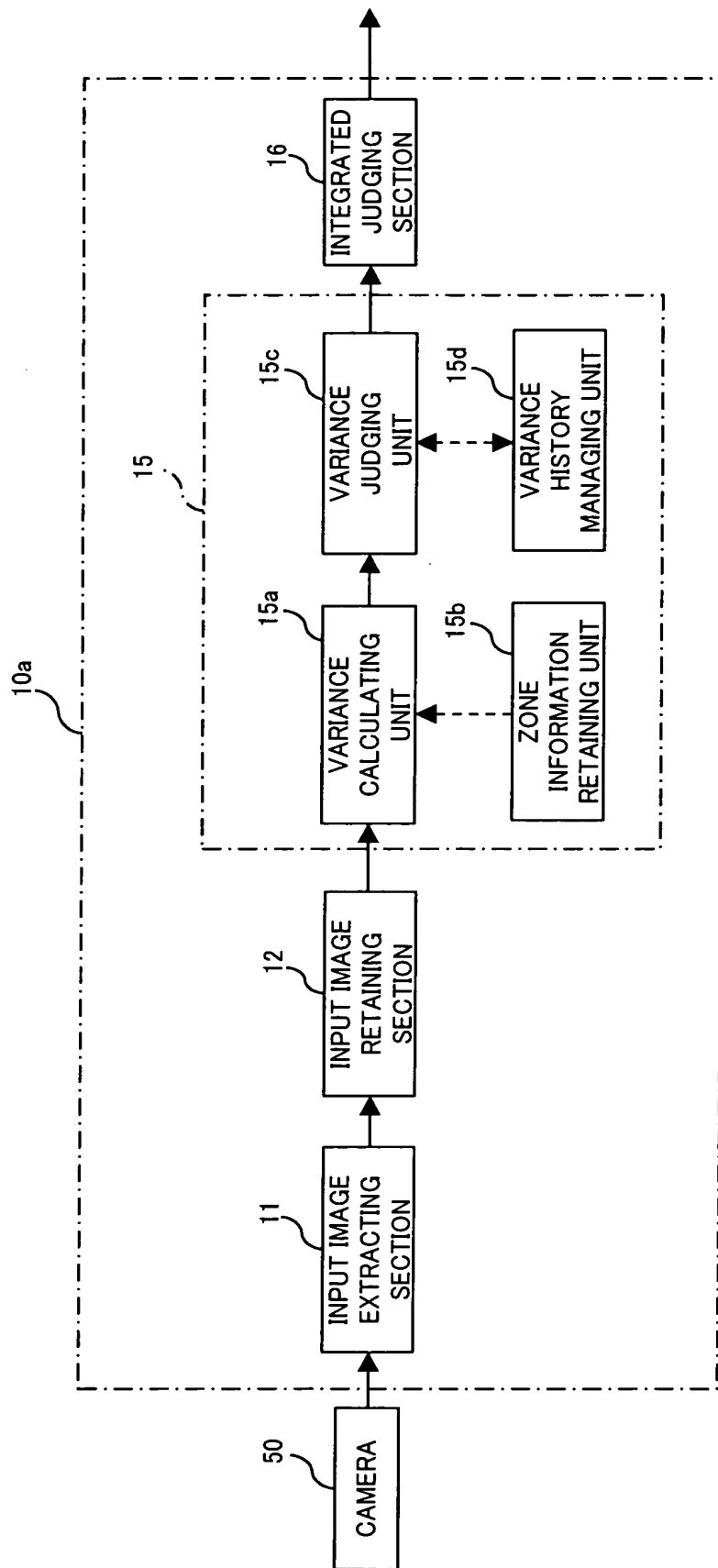


FIG. 10

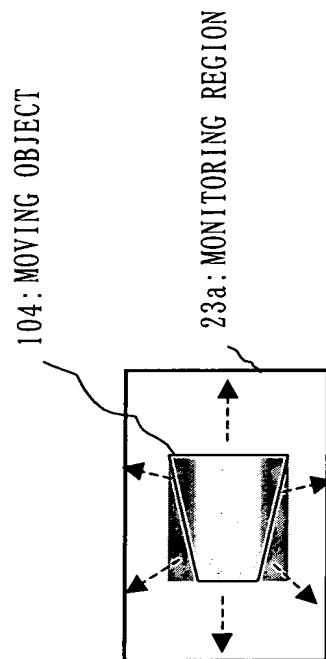


FIG. 11 (a) FIG. 11 (b) FIG. 11 (c)

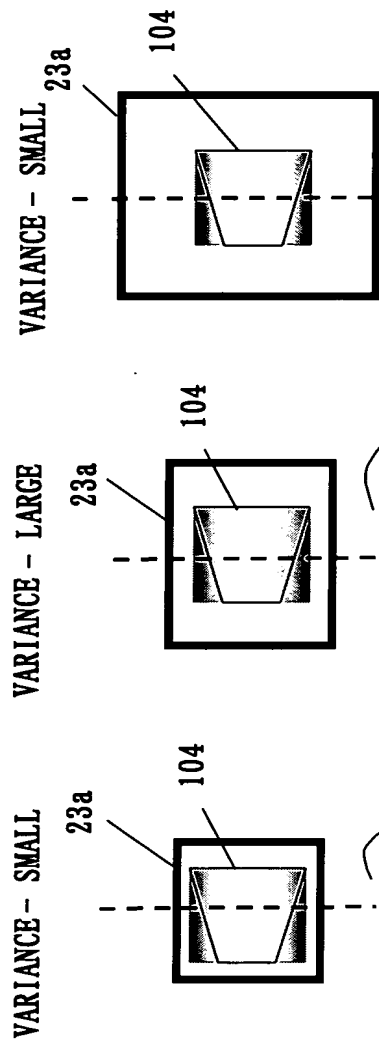


FIG. 11 (d) FIG. 11 (e) FIG. 11 (f)

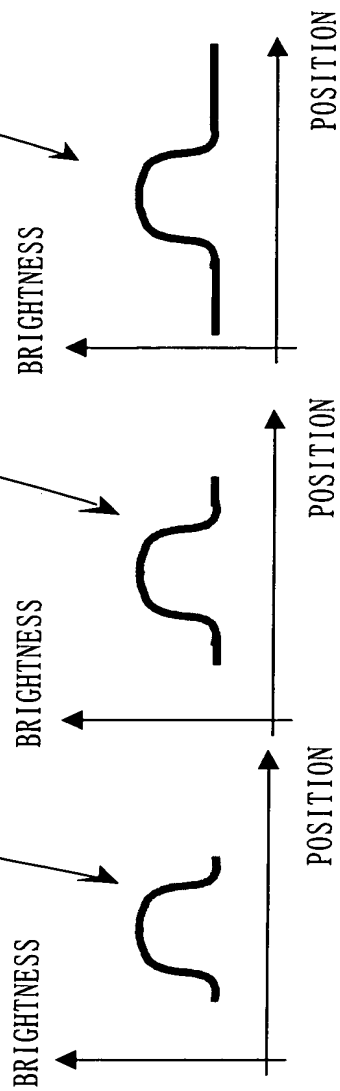


FIG. 12 (a)



OBJECT ENTERS

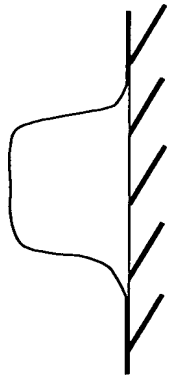
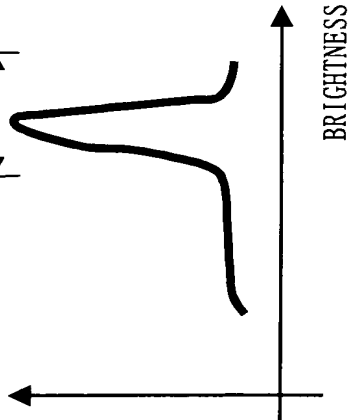


FIG. 12 (b)

FIG. 12 (c)

OCCURRENCE
FREQUENCY

SCATTERING-SMALL

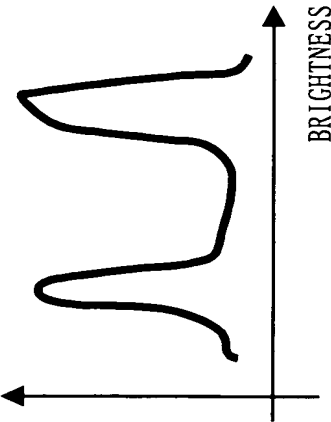


BRIGHTNESS

FIG. 12 (d)

OCCURRENCE
FREQUENCY

SCATTERING-LARGE



BRIGHTNESS

FIG. 15

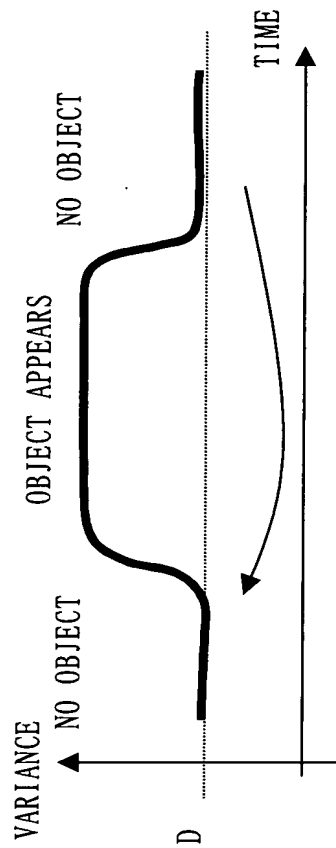


FIG. 16

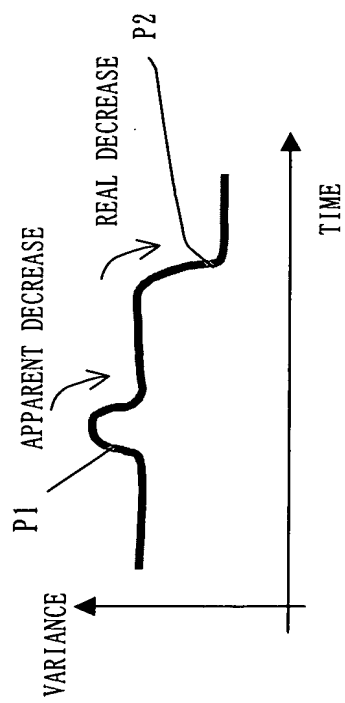
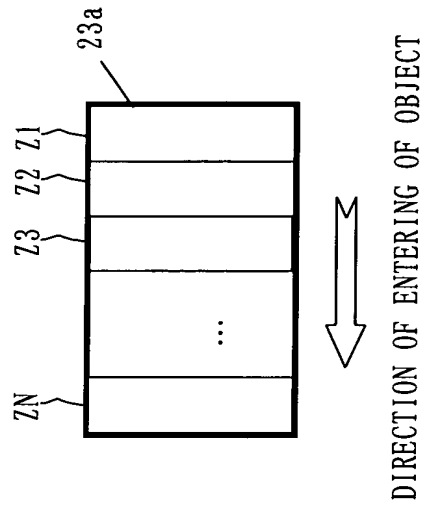


FIG. 17



F I G. 18

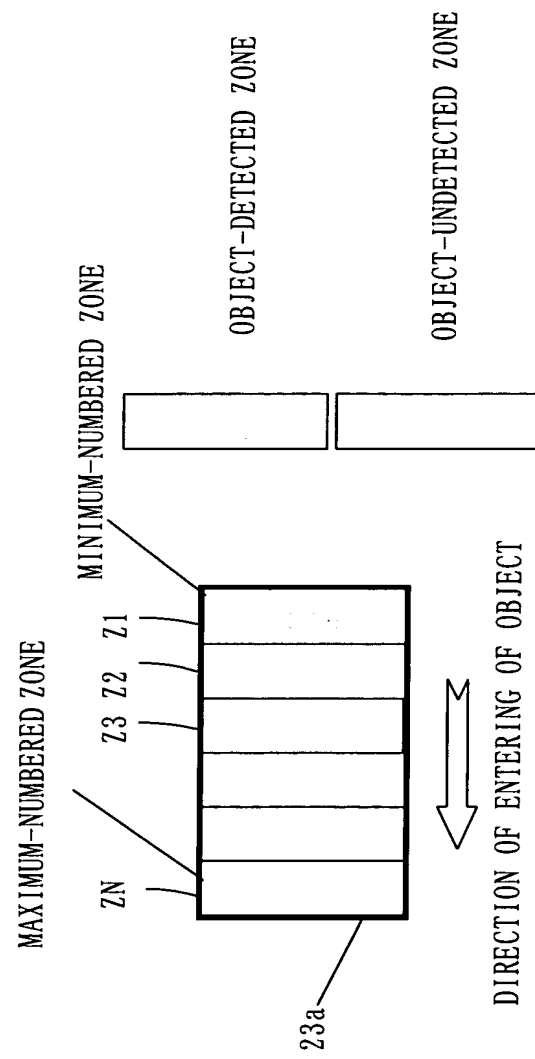
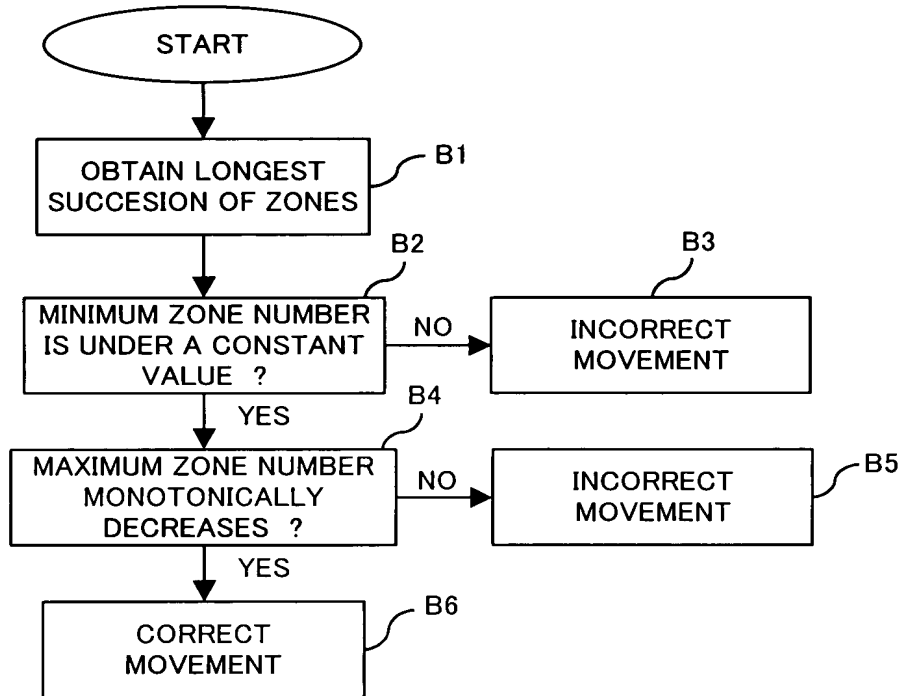


FIG. 20

DETECTING OF LEAVING



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FIG. 21

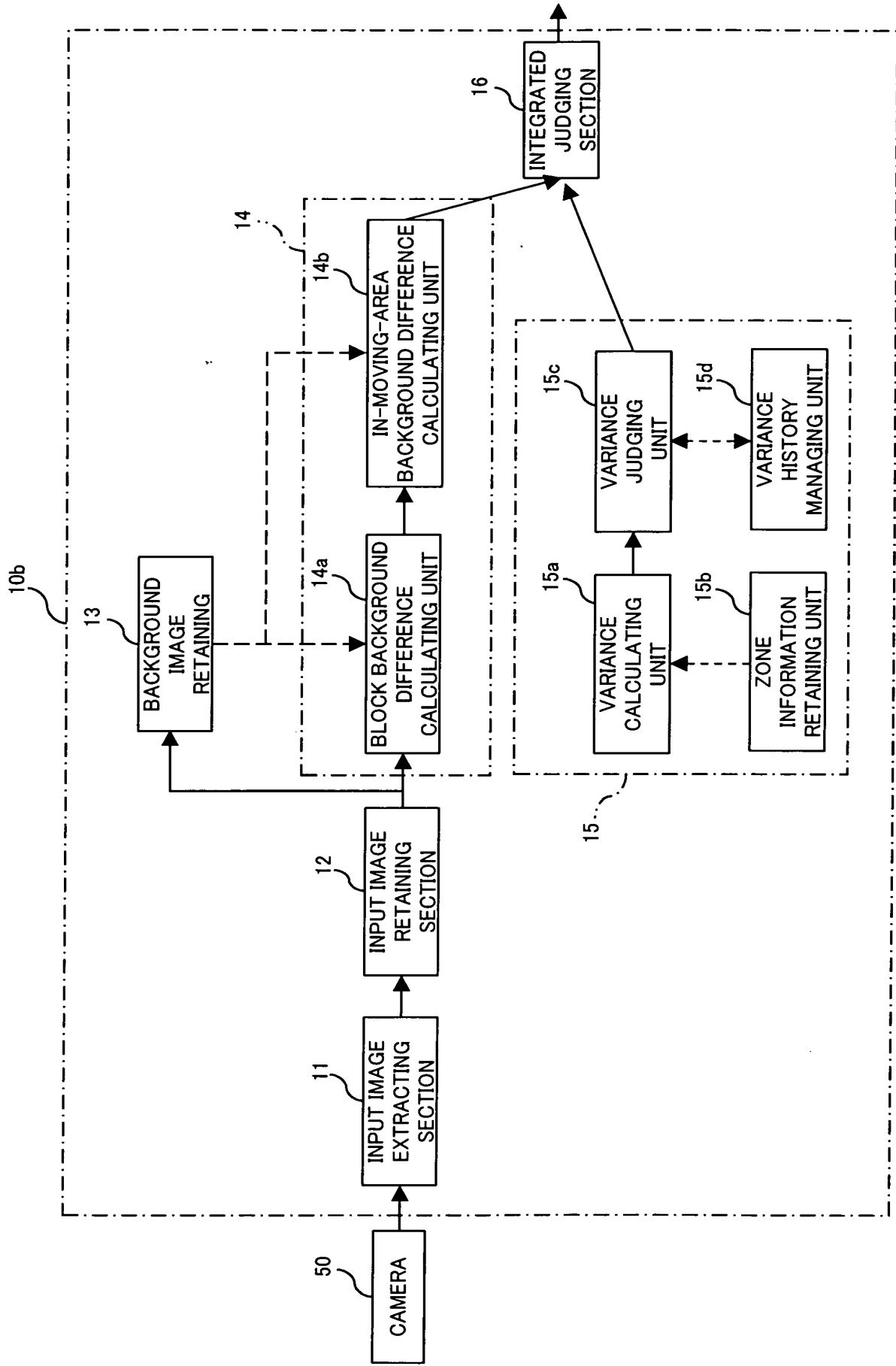
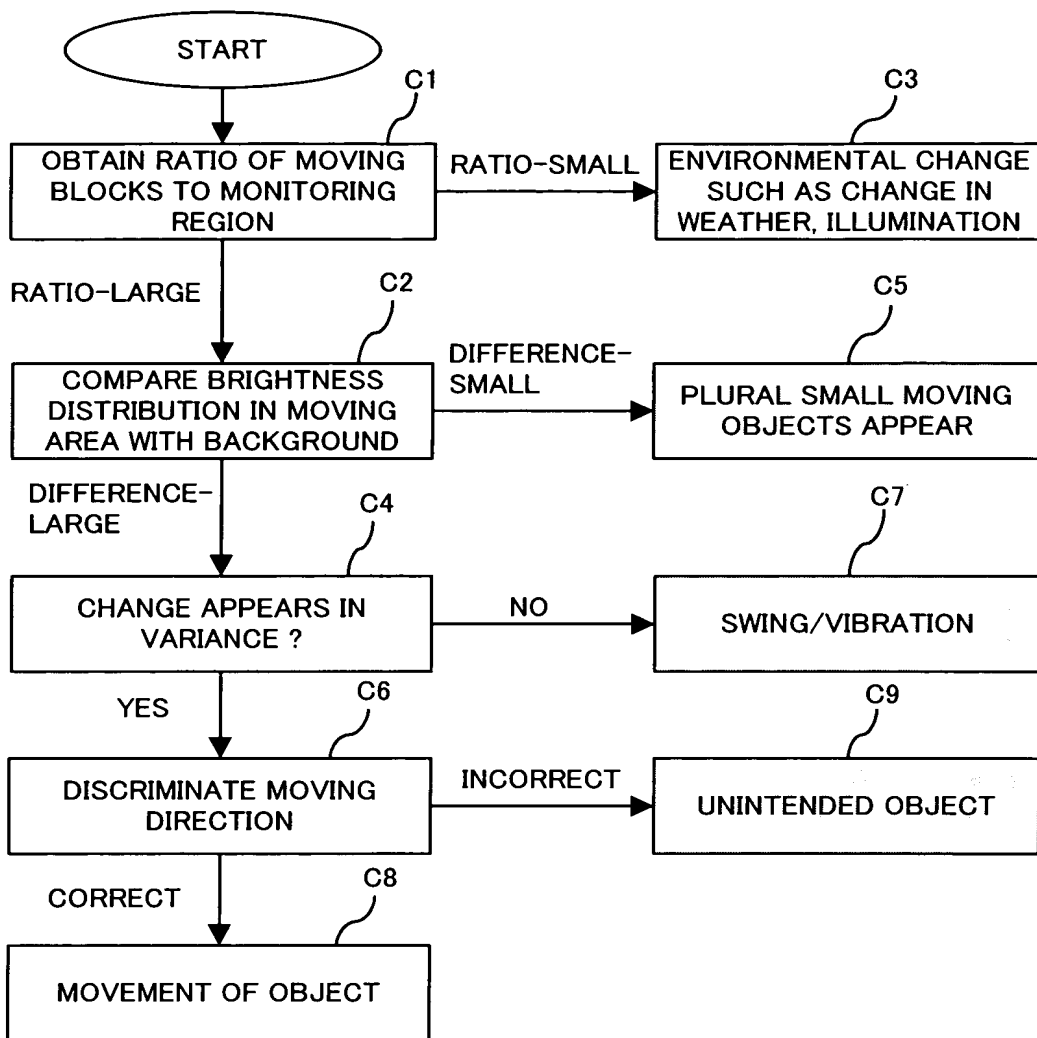


FIG. 22



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FIG. 23

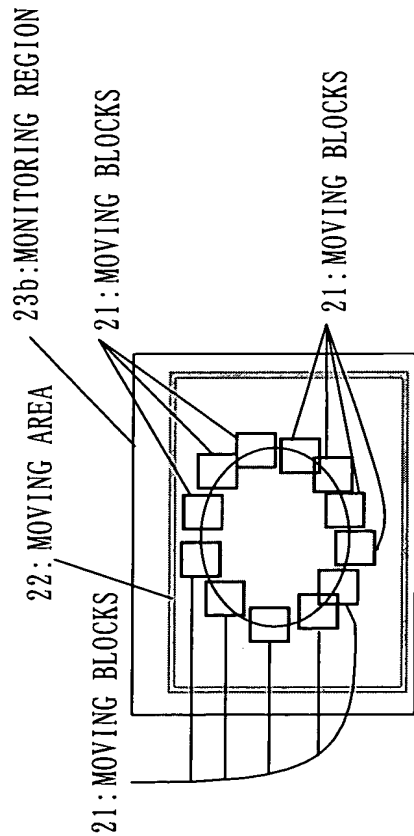
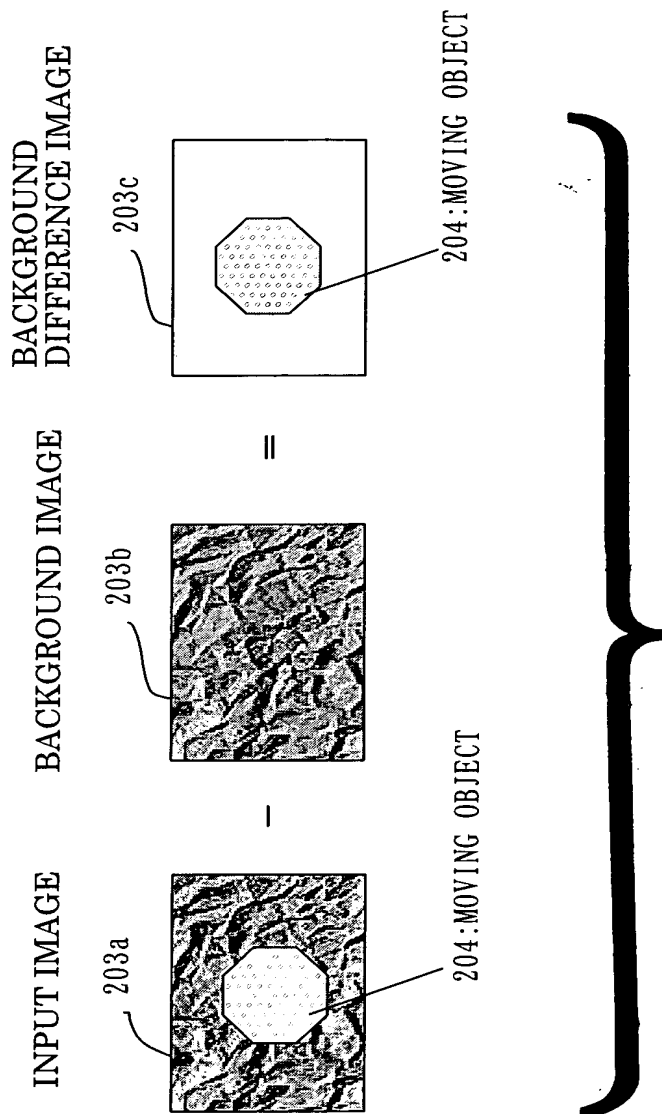
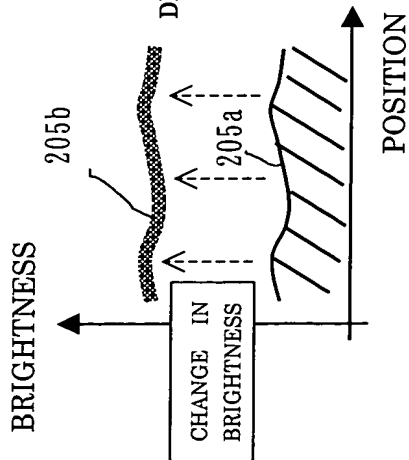


FIG. 24



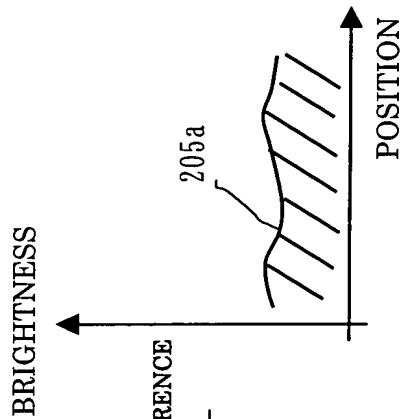
F I G. 25(a)

INPUT IMAGE



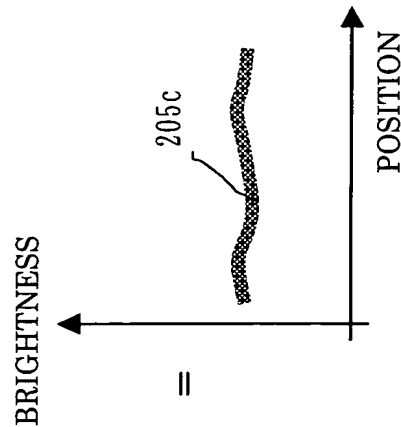
F I G. 25(b)

BACKGROUND IMAGE



F I G. 25(c)

BACKGROUND
DIFFERENCE IMAGE



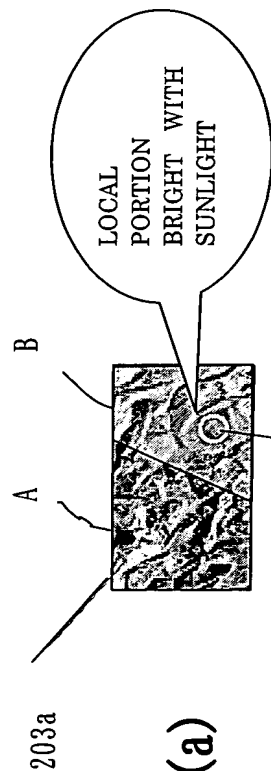


FIG. 26(a)

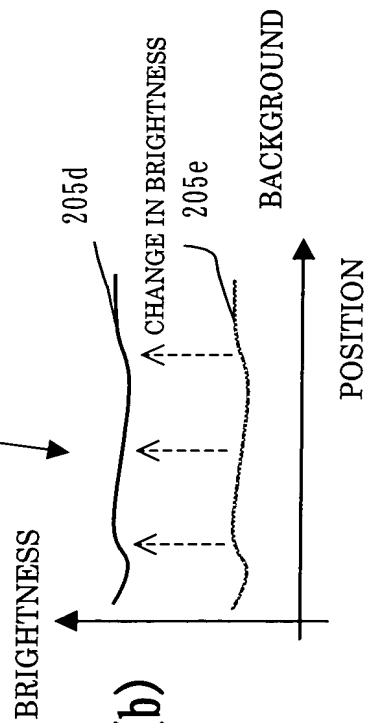
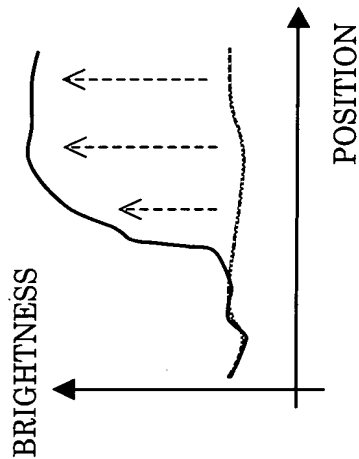
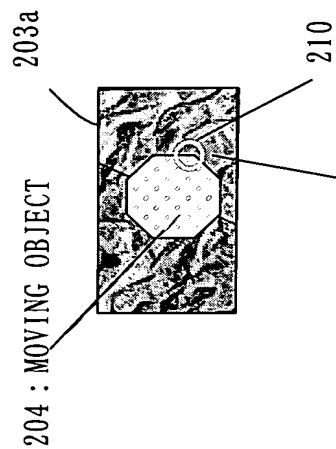


FIG. 26(b)

F I G . 27 (a)



F I G . 27 (b)

FIG. 28(a)

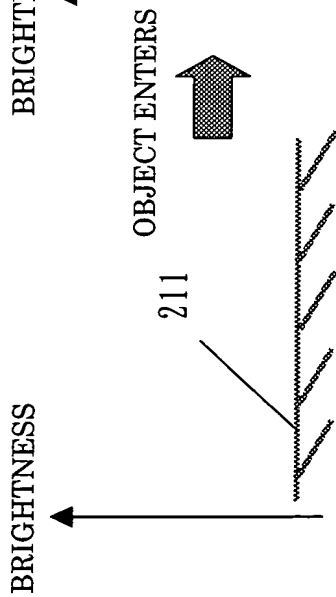
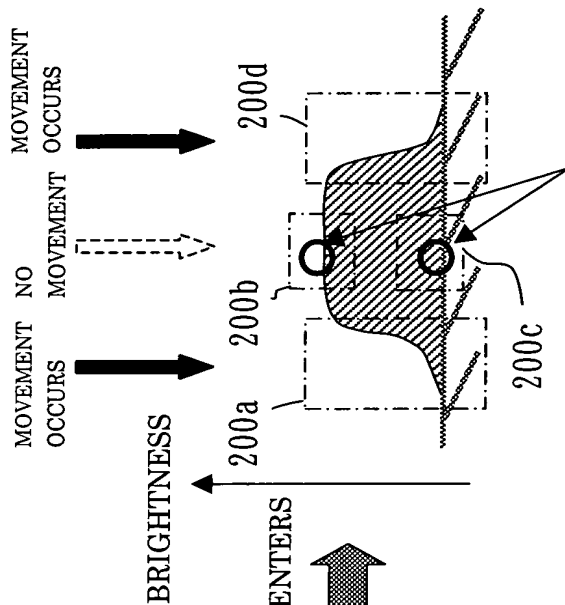
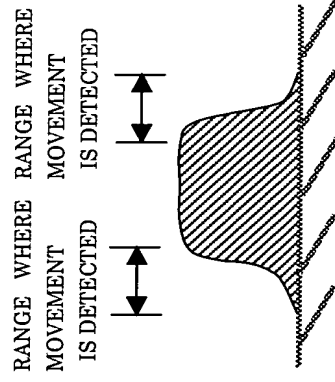


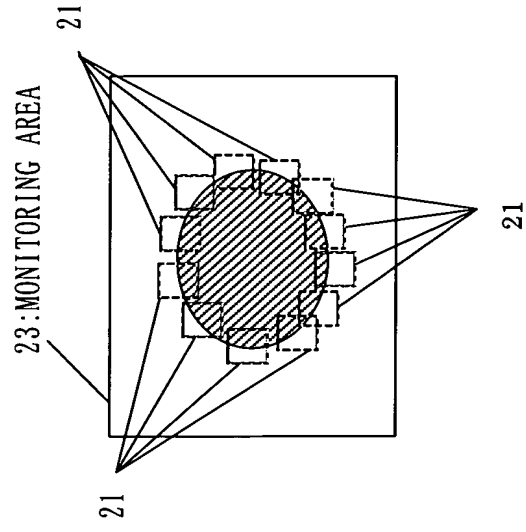
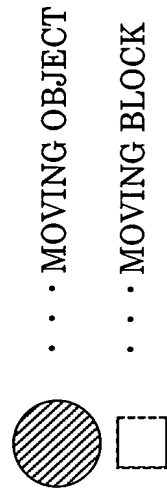
FIG. 28(b)



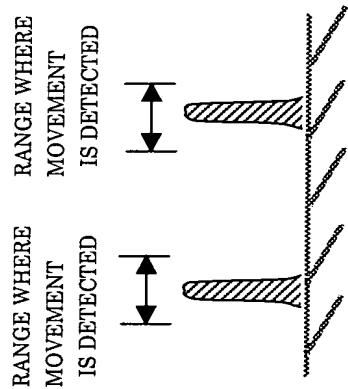
F I G. 29(a)



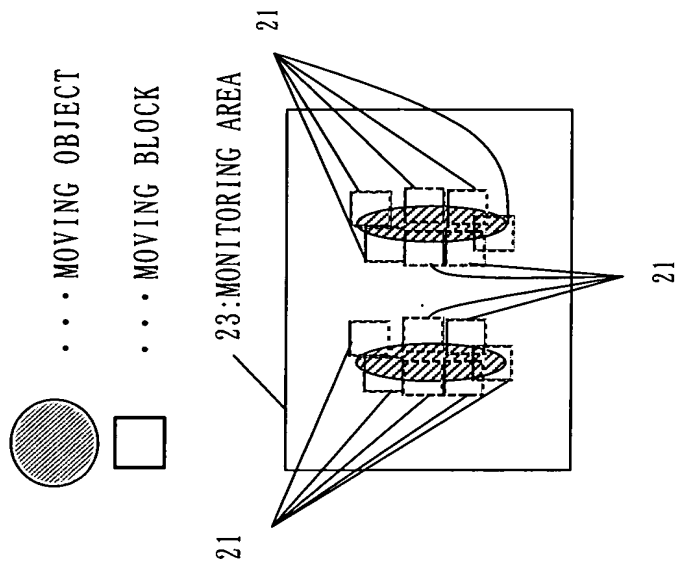
F I G. 29(b)



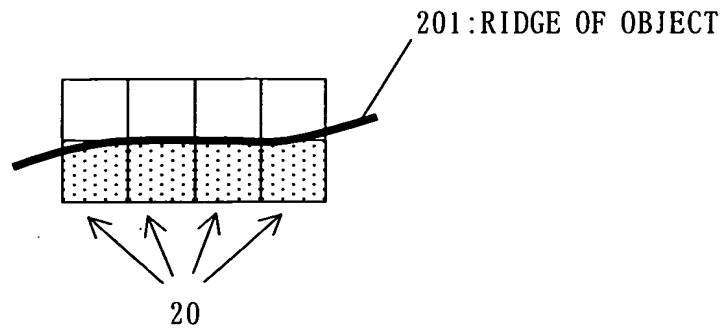
F I G. 30(a)



F I G. 30(b)

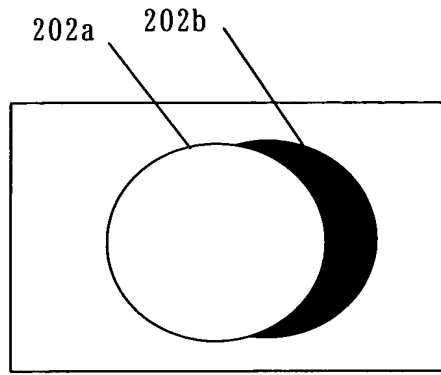


F I G. 31



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F I G. 32



CHANGE DUE TO SWING AND SLIDING OF CAMERA

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